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By

Erie L. Maldonado

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Attorney Docket No. 100794-00084 (FUJB 18.865)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor: Zhisheng NIU

Serial No.: 09/931,656

Filed: August 16, 2001

Title: A TCP AWARE LOCAL RETRANSMISSION...

Examiner:

Art Unit:

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SEP 24 2002  
Technology Center 2600

September 17, 2002

Assistant Commissioner for Patents  
Washington, D.C. 20231

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**INFORMATION DISCLOSURE STATEMENT**

S I R:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

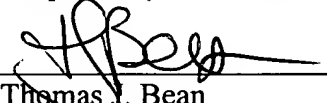
The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is

intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

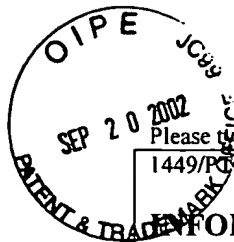
Early and favorable consideration is respectfully solicited.

**Any fee due with this paper may be charged on Deposit Account 50-1290.**

Respectfully submitted,

  
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DOCKET NO. 100794-00079(FUJB 18.868)



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1449/PCO	U.S. Department of Commerce Patent and Trademark Office	Application No. : 09/931,656
		Filing Date : August 16, 2001
		First Named Inventor: Z. NIU
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : FUJB 18.867

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear

### Other Prior Art-Non-Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		JING, et al., "A MODIFIED TCP-NEWRENO IN A LAN/WAN WITH A LOSSY LINK" APCC/OECC'99, Vol. 1, October 1999	
		H. BALAKRISHNAN, et al., "IMPROVING RELIABLE TRANSPORT AND HANDOFF PERFORMANCE IN CELLULAR WIRELESS NETWORKS" ACM WIRELESS NETWORKS JOURNAL (WINET) 1(4), December 1995, pp. 1-19	
		J.C. HOE, "IMPROVING THE START-UP BEHAVIOR OF A CONGESTION CONTROL SCHEME FOR TCP" In. Proc. ACM SIGCOMM '96, Aug. 1996	
		K. FALL, et al. "SIMULATION-BASED COMPARISONS OF TAHOE, RENO AND SACK TCP", Computer Communications Review, July 1996	
		E. AYANOGLU, et al. "AIRMAIL: A LINK-LAYER PROTOCOL FOR WIRELESS NETWORK", ACM/BALTZER WIRELESS NETWORKS JOURNAL, 1, pp. 47-60, February 1995.	
		E. DAHLMAN, et al. "UMTS/IMT-2000 BASED ON WIDEBAND CDMA" IEEE Communication Magazine, September 1998, pp. 70-80	
		H. BALAKRISHNAN, et al. "EXPLICIT LOSS NOTIFICATION AND WIRELESS WEB PERFORMANCE" IEEE GLOBECOM INTERNET MINI-CONFERENCE, SYDNEY, AUSTRALIA, NOVEMBER 1998, pp. 1-12	
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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